\*

\*

\*

**Employee**

1

**employee\_id**

**Int**

1

\*

first\_name middle\_name

last\_name

Varchar Varchar

Varchar

1

emailid

Varchar

date\_of\_joining

DateTime

designation

Varchar

\*

job\_title

Varchar

department\_id

Int

\*

Status

Varchar

date\_of\_birth

DateTime

country

Varchar

marital\_status

Varchar

gender

Varchar

1

contact\_number Varchar

emergency\_contact\_number

Varchar

permanent\_address

Varchar

employee\_type

Varchar

manager\_id

Int

\*

Varchar

work\_mode

Varchar

attendance\_status

Int

DateTime DateTime

employee\_id

attendance\_date attendance\_time

**Int**

**attendance\_id**

**Attendance**

Varchar

leave\_category\_name

**Int**

**leave\_category\_id**

**LeaveCategory**

DateTime

Varchar

holiday\_date

holiday\_name

**Int**

**public\_holiday\_id**

**PublicHoliday**

|  |  |
| --- | --- |
| **Roster** | |
| **roster\_id** | **Int** |
| employee\_id | Int |
| roster\_date | DateTime |
| roster\_type | Varchar |

|  |  |
| --- | --- |
| **LeaveBalance** | |
| **leave\_balance\_id** | **Int** |
| employee\_id | Int |
| leave\_category\_id | Int |
| balance | Int |

|  |  |
| --- | --- |
| **Leave** | |
| **leave\_id** | **Int** |
| employee\_id | Int |
| leave\_type | Varchar |
| start\_date | DateTime |
| end\_date | DateTime |
| reason | Varchar |
| status | Varchar |

|  |  |
| --- | --- |
| **UserAuthentication** | |
| **user\_id** | **Int** |
| username | Varchar |
| password | Varchar |
| role | Varchar |

Varchar

department\_name

**Int**

**department\_id**

**Department**





\*

\*

\*

**Employee**

1

**employee\_id**

**Int**

1

\*

first\_name middle\_name

last\_name

Varchar Varchar

Varchar

1

emailid

Varchar

**Attendance**

date\_of\_joining

DateTime

**attendance\_id**

**Int**

designation

Varchar

\*

job\_title

Varchar

department\_id

Int

\*

employee\_id

attendance\_date attendance\_time

Int

DateTime DateTime

Status

Varchar

attendance\_status

Varchar

date\_of\_birth

DateTime

work\_mode

Varchar

country

Varchar

marital\_status

Varchar

gender

Varchar

1

contact\_number Varchar

emergency\_contact\_number

Varchar

permanent\_address

Varchar

employee\_type

Varchar

manager\_id

Int

\*

Varchar

leave\_category\_name

**Int**

**leave\_category\_id**

**LeaveCategory**

DateTime

Varchar

holiday\_date

holiday\_name

**Int**

**public\_holiday\_id**

**PublicHoliday**

|  |  |
| --- | --- |
| **Roster** | |
| **roster\_id** | **Int** |
| employee\_id | Int |
| roster\_date  roster\_type | DateTime  Varchar |

|  |  |
| --- | --- |
| **LeaveBalance** | |
| **leave\_balance\_id** | **Int** |
| employee\_id  leave\_category\_id | Int  Int |
| balance | Int |

|  |  |
| --- | --- |
| **Leave** | |
| **leave\_id** | **Int** |
| employee\_id | Int |
| leave\_type | Varchar |
| start\_date | DateTime |
| end\_date | DateTime |
| reason | Varchar |
| status | Varchar |

|  |  |
| --- | --- |
| **UserAuthentication** | |
| **user\_id** | **Int** |
| username | Varchar |
| password | Varchar |
| role | Varchar |

Varchar

department\_name

**Int**

**department\_id**

**Department**



